

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1146	(606/4,5,8,10).CCLS.	USPAT	OR	OFF	2006/03/05 13:45
L2	81	1 and (small same spot same scan\$5)	USPAT	OR	OFF	2006/03/05 14:27
L3	52	2 and (frequenc\$3 (repetition adj rate))	USPAT	OR	OFF	2006/03/05 14:27
L4	4	3 and (femtosecond picosecond)	USPAT	OR	OFF	2006/03/05 13:47
L5	33	3 and (spot adj size)	USPAT	OR	OFF	2006/03/05 14:22
L6	4	5 and (semiconductor)	USPAT	OR	OFF	2006/03/05 14:28
L7	1	5 and (optical same amplifier)	USPAT	OR	OFF	2006/03/05 14:29
L8	107	((STOLTZ near RICHARD) (BULLINGTON near JEFF)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 14:26
L10	5	8 and (frequenc\$3 (repetition adj rate))	USPAT	OR	OFF	2006/03/05 14:30
L12	1	8 and (semiconductor same diode)	USPAT	OR	OFF	2006/03/05 14:30
L13	14	8 and (small same spot same scan\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 14:29
L14	26	8 and (optical same amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 14:29
L15	28	8 and (frequenc\$3 (repetition adj rate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 14:30
L16	17	8 and (semiconductor same diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 15:47

## EAST Search History

L17	14	13 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 14:30
L18	23	14 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 14:31
L19	16	15 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 15:08
L20	7901	((216/65,66,87) or (372/43.01,45.013) or (359/333,342-349) or (219/121.6,121.66-121.68,121.8) or (430/312)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/05 15:10
L21	7561	1 or 20	USPAT	OR	OFF	2006/03/05 15:10
L22	978	21 and (laser same (etching micromachining))	USPAT	OR	OFF	2006/03/05 15:11
L23	947	20 and (laser same (etching micromachining))	USPAT	OR	OFF	2006/03/05 15:11
L24	31	22 not 23	USPAT	OR	OFF	2006/03/05 15:15
L25	22	23 and ((semiconductor adj chip) same laser)	USPAT	OR	OFF	2006/03/05 16:02
L26	2	25 and (optical same amplifier)	USPAT	OR	OFF	2006/03/05 16:02
L30	1	20 and (cauteriz\$5 adj laser)	USPAT	OR	OFF	2006/03/05 15:28
L31	0	26 and (cauteriz\$5 same laser)	USPAT	OR	OFF	2006/03/05 15:24
L32	0	8 and 20	USPAT	OR	OFF	2006/03/05 15:28
L33	324	20 and 'MHZ'	USPAT	OR	OFF	2006/03/05 15:29
L34	51	33 and (spot adj size)	USPAT	OR	OFF	2006/03/05 15:29
L35	17	34 and scan	USPAT	OR	OFF	2006/03/05 15:30
L36	32	34 and scan\$5	USPAT	OR	OFF	2006/03/05 15:30
L37	18	36 and ('j' joule\$1)	USPAT	OR	OFF	2006/03/05 15:30
L38	4	37 and (femtosecond picosecond)	USPAT	OR	ON	2006/03/05 16:02

## EAST Search History

L39	2	38 and (semiconductor same diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 15:47
L40	2	38 and (semiconductor same laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 16:02
L41	1	("5361275").PN.	USPAT; USOCR	OR	OFF	2006/03/05 15:55

## EAST Search History

L42	155	(("3808549") or ("3963953") or ("4750809") or ("4815079") or ("4824598") or ("4829529") or ("4913520") or ("4972423") or ("5162643") or ("5166818") or ("5187759") or ("5237576") or ("5265107") or ("5291501") or ("5302835") or ("5313262") or ("5400350") or ("5414725") or ("5430572") or ("5440573") or ("5450427") or ("5479422") or ("5489984") or ("5499134") or ("5517043") or ("5585652") or ("5585913") or ("5596668") or ("5602677") or ("5617434") or ("5627848") or ("5633750") or ("5633885") or ("5663731") or ("5677769") or ("5689519") or ("5696782") or ("5701319") or ("5703639") or ("5708669") or ("5710424") or ("5778016") or ("5818630") or ("5822097") or ("5847863") or ("5862287") or ("5867304") or ("5875408") or ("5880877") or ("5898485") or ("5920668") or ("5923686") or ("5936716") or ("6014249") or ("6020591") or ("6034975") or ("6061373") or ("6072811") or ("6075588") or ("6081369") or ("6151338") or ("6154310") or ("6181463") or ("6198568") or ("6208458") or ("6249630") or ("6252892") or ("6256328") or ("6269108") or ("6275512") or ("6314115") or ("6327074") or ("6327282") or ("6334011") or ("6335821") or ("6404944") or ("6421169") or ("6433760") or ("6501590") or ("6522460") or ("6525873") or ("6526327") or ("6529319") or ("6549547") or ("6567431") or ("6576917") or ("6580553") or ("6603911") or ("6642477") or ("6647031") or ("6654161") or ("6661816") or ("6671298") or ("6690686") or ("6723991") or ("6728439") or ("6735229") or ("6738144") or ("6744555") or ("6774869") or ("6782207") or ("6788864") or ("6801551") or ("6807375") or ("6819694") or ("6822251") or ("5656186") or ("6303903") or ("6355908") or ("6362454") or ("6365869") or ("6433303") or ("6433305") or ("6574024") or ("6621045") or ("6627844") or ("6710288") or ("6710293") or	USPAT	OR	OFF	2006/03/05 16:01
3/5/2006 4:14:33 PM C:\Documents and Settings\atara\My Documents\EastWorkFolders\10849585.wsp						Page 4

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L43	58	42 and (semiconductor same laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/05 16:02
L44	33	43 and (optical same amplifier)	USPAT	OR	OFF	2006/03/05 16:02
L45	25	44 and (femtosecond picosecond)	USPAT	OR	ON	2006/03/05 16:03
L46	0	45 and (semiconductor adj chip)	USPAT	OR	OFF	2006/03/05 16:03
L47	0	44 and (semiconductor adj chip)	USPAT	OR	OFF	2006/03/05 16:03
L48	5	45 and scan\$5	USPAT	OR	ON	2006/03/05 16:04
L49	3	48 and (spot adj size)	USPAT	OR	ON	2006/03/05 16:04

	1	Document ID	Title	Current OR
1	X	US 20050171518 A1	Controlling pulse energy of an optical amplifier by controlling pump diode current	606/10
2	X	US 20050167405 A1	Optical ablation using material composition analysis	219/121.62
3	X	US 20050065502 A1	Enabling or blocking the emission of an ablation beam based on color of target	606/9
4	X	US 20040231682 A1	Scanned small spot ablation with a high-rep-rate	128/898
5	X	US 20020192850 A1	Laser diode graded index layer doping	438/22
6	X	US 6913603 B2	Automated laser workstation for high precision surgical and industrial interventions	606/10
7	X	US 6530916 B1	Uniform large area ablation system and method	606/5
8	X	US 6508812 B1	Control system for high resolution high speed digital micromirror device for laser refractive eye surgery	606/5
9	X	US 6500171 B1	System for generating ablation profiles for laser refractive eye surgery	606/5
10	X	US 6413251 B1	Method and system for controlling a digital micromirror device for laser refractive eye surgery	606/5
11	X	US 6099522 A	Automated laser workstation for high precision surgical and industrial interventions	606/10
12	X	US 6795461 B1	Optoelectric module	372/36
13	X	US 4847846 A	Semiconductor laser chip	372/50.21
14	X	US 4266547 A	Laser knife	606/15
15	X	US 6552301 B2	Burst-ultrafast laser machining method	219/121.71
16	X	US 5736709 A	Descaling metal with a laser having a very short pulse width and high average power	219/121.61

	<b>Inventor</b>
<b>1</b>	Stoltz, Richard et al.
<b>2</b>	Stoltz, Richard et al.
<b>3</b>	Stoltz, Richard
<b>4</b>	Stoltz, Richard et al.
<b>5</b>	Stoltz, Richard A. et al.
<b>6</b>	Knopp; Carl F. et al.
<b>7</b>	Shimmick; John K.
<b>8</b>	Williams; Roy E. et al.
<b>9</b>	Williams; Roy E. et al.
<b>10</b>	Williams; Roy E.
<b>11</b>	Knopp; Carl F. et al.
<b>12</b>	Blair; Thomas H. et al.
<b>13</b>	Sone; Haruo et al.
<b>14</b>	Komiya; Osamu
<b>15</b>	Herman; Peter R. et al.
<b>16</b>	Neiheisel; Gary L.

	1	Document ID	Title	Current OR
17	X	US 6156030 A	Method and apparatus for high precision variable rate material removal and modification	606/10
18	X	US 6801551 B1	Programmable multiwavelength modelocked laser	372/23

	<b>Inventor</b>
<b>17</b>	Neev; Joseph
<b>18</b>	Delfyett; Peter et al.